

Scotland's Rural College

## SRUC Scottish Recommended Lists for Cereals 2017

Hoad, SP

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# **Scottish Recommended Lists for Cereals 2017**

## **Tables**

**Data from AHDB Recommended List Trials**



## Scottish Recommended Lists for Cereals 2017

**Spring barley** Yield of 100 = 7.2 t/ha

Year First Listed	Recommendation		Grain yield as % of treated Control	Yield loss (%) if untreated	Malting use: Brewing, Distilling or Grain Distilling	IBD† Malting Approval (See footnotes)	Feed use‡ (See footnote)	Screenings <2.5 mm (%)	Specific weight (kg/hl)	Maturity days +/- Concerto	Straw Strength 1 to 9; weak to stiff	Straw length (cm) no PGR	Brackling risk; 1 to 9 high to low	Disease resistance 1 susceptible to 9 resistant		
														Mildew	Rhynchosporium	Ramularia
2017	P1	Dioptric	106	14	GD	T		7.6	68.2	0	7	72	8	[9]	6	8
2016	P2	Laureate	105	13	B & D	P		3.7	66.1	0	7	73	8	[8]	6	7
2017	P1	LG Opera	105	16	B & D	T		6.9	66.2	-1	6	72	8	[9]	5	6
2016	P2	KWS Sassy	105	14	D	P		2.7	67.8	0	6	80	6	[9]	5	6
2015	P3	Olympus	103	16	D & GD	P		5.7	66.4	0	7	75	6	9	6	7
2015	P3	Sienna	102	13	B & D	P		4.1	70.4	0	7	79	7	9	6	8
2015	P3	Octavia	101	15	B & D	F		4.1	66.2	0	6	77	6	9	6	7
2012	R	Odyssey	98	16	B & D	F		4.1	68.0	0	6	75	8	9	5	6
2016	P2	Fairing	96	13	GD	P		2.6	68.2	-2	7	74	7	[8]	8	7
2009	R	Concerto	93	14	B & D	F		3.2	68.8	0	6	79	8	8	4	6
2008	O	Belgravia	91	14	D & GD	F		5.1	68.2	0	7	80	7	[8]	5	6
2015	R	RGT Planet	105	14	B	F		4.2	67.6	-1	7	75	8	9	6	8
2014	R	KWS Irina	105	16	B	F		4.8	65.8	-1	8	71	9	9	5	7
2010	R	Propino	101	16	B	F		2.4	68.0	-1	7	77	8	6	6	6
2015	R	Scholar	105	15	None	N		6.4	68.2	0	7	69	9	9	6	8
2005	O	Waggon	98	15	None	N		This variety is no longer on the AHDB Recommended List								

**Colour code**

Good

Towards good

Intermediate

Towards poor

Poor

R = Recommended for general use	F = IBD Full Approval	[ ] = AHDB limited data
P1, P2 and P3 = Provisional Year 1, 2 and 3	P = IBD Provisional Approval	‡ High yielding malting varieties can also be considered for feed use
O = Becoming outclassed	T = Under test as a malting variety	
† = Institute of Brewing and Distilling	N = not approved by IBD	

Data from AHDB Recommended List trials. The full data sets collected are available on the AHDB Cereals & Oilseeds website <http://cereals.ahdb.org.uk/varieties>

## Scottish Recommended Lists for Cereals 2017

**Winter barley** Yield of 100 = 8.9 t/ha

Year First Listed	Recommendation		Grain Yield as % of treated control	Yield loss (%) if untreated	Yield % control		IBD† Malting Approval (see footnote)	Screenings <2.5 mm (%)	Specific Weight (kg/hl)	Maturity days +/- Cassata	Straw Strength 1 to 9; weak to stiff	Straw length (cm) with PGR	Disease resistance 1 susceptible to 9 resistant			
					Light soil	Heavy soil							Mildew	Rhynchosporium	Net Blotch	Ramularia
2016	P2	Craft	98	19	99	97	P	4.9	69.0	0	8	90	6	6	7	5
2007	S	Cassata	92	18	92	93	No	This variety is no longer on the AHDB Recommended List								
1999	S	Pearl	91	18	91	90	No	This variety is no longer on the AHDB Recommended List								
2017	P1	KWS Creswell	106	27	104	100	No	8.7	67.1	-1	7	88	5	6	4	5
2016	P2	KWS Orwell	104	21	105	103	No	6.1	67.3	0	8	87	3	6	6	5
2015	R	KWS Infinity	104	23	103	102	No	8.3	67.5	0	7	90	4	6	5	4
2014	R	KWS Tower	103	23	103	101	No	5.6	67.0	0	7	91	5	5	4	5
2013	O	KWS Glacier	103	22	102	102	No	8.0	68.8	-1	7	84	3	4	7	4
2010	O	KWS Cassia	101	17	99	99	No	5.4	70.5	0	8	91	4	4	6	5
2017	P1	Funky	107	16	108	105	No	20.3	68.3	-1	8	94	6	7	6	6
2012	O	KWS Meridian	104	12	103	103	No	This variety is no longer on the AHDB Recommended List								
2017	P1	Sunningdale	113	18	111	106	No	11.0	67.2	-1	7	107	5	7	6	4
2016	P2	Bazooka	109	19	110	109	No	9.4	68.2	0	8	111	4	7	6	5
2016	P2	Belfry	107	17	107	108	No	10.3	67.2	-1	8	103	5	7	7	5
2009	O	Volume	107	22	106	107	No	15.3	67.5	-1	7	104	5	7	6	6

**Colour code**

Good

Towards good

Intermediate

Towards poor

Poor

R = Recommended for general use	† Institute of Brewing and Distilling	--- = Insufficient information
P1 and P2 = Provisional Year 1 and 2	F = IBD Full Approval	[ ] = AHDB limited data
S = Specific use variety	BaYMV: With the exception of Pearl, varieties listed have resistance to barley mild mosaic virus (BaMMV) and barley yellow mosaic virus (BaYMV) strain 1.	
O = Becoming outclassed		

Data from AHDB Recommended List trials. The full data sets collected are available on the AHDB Cereals & Oilseeds website <http://cereals.ahdb.org.uk/varieties>

## Scottish Recommended Lists for Cereals 2017

**Winter wheat** Yield of 100 = 9.9 t/ha

Year First Listed	Recommendation		Grain yield as % of treated Control	Yield loss (%) if untreated	Use as a 2 <sup>nd</sup> cereal	Quality markets			Specific weight (kg/hl)	HFN	Maturity days +/- JB Diego	Straw strength 1-9; weak to stiff	Straw length (cm) no PGR	Sprout-ing resistance	Disease resistance 1 susceptible to 9 resistant				
						Distill-ing	UK Milling	Export ‡							Mildew	Yellow rust	Septoria tritici	Eye-spot	Fus-arium
2017	P1	Savello	[106]	22	Good	Med	---	---	74.3	216	0	6	88	---	7	8	5.3	[4]	6
2013	R	Leeds	104	31	Mod	Med	---	uks Y	77.7	206	+2	7	86	6	3	6	4.6	4	7
2017	P1	LG Motown	[104]	14	Mod	Med	---	---	75.3	217	-1	6	84	---	8	9	5.8	[3]	6
2009	R	Viscount	103	29	Mod	Good	---	uks [Y]	76.0	192	0	7	81	5	[7]	6	4.6	5	6
2013	R	Myriad	103	29	Mod	Med	---	uks [Y]	76.4	238	+1	6	89	[6]	6	4	5.5	5	6
2017	P1	LG Sundance	[102]	14	Good	Med	---	---	74.5	179	+1	7	87	---	6	9	7.3	[3]	6
2012	O	Horatio	101	18	Poor	Med	---	This variety is no longer on the AHDB Recommended List											
2013	S	Revelation	100	17	Poor	Good	---	uks [Y]	75.9	246	+3	7	86	5	6	9	6.4	8	7
2016	P2	KWS Barrel	109	29	Good	Poor	Biscuit	uks Y	76.4	212	+1	8	83	[6]	6	8	4.4	4	6
2014	R	Zulu	102	23	Mod	Med	Biscuit	uks Y	75.6	233	+1	6	89	6	7	5	5.7	4	6
2015	R	KWS Lili	104	27	Poor	Poor	Bread	ukp Y	76.5	297	+2	7	81	[7]	8	7	5.9	5	6
2016	P2	KWS Siskin	101	15	Mod	Poor	Bread	ukp Y	76.8	304	0	6	84	[5]	9	9	6.8	4	6
2009	S	Grafton	[100]	25	Mod	Poor	---	---	77.8	305	-1	8	77	5	[6]	6	5.3	6	5

**Colour code**

Good

Towards good

Intermediate

Towards poor

Poor

R = Recommended for general use	‡ = Export potential	Y = suited to that market	Mod = moderate; Med = medium
P1 and P2 = Provisional Year 1 and 2	uks = soft wheat for export	[Y] = may be suited to that market	--- = Not applicable
S = Specific use variety	ukp = bread wheat for export	[ ] = AHDB limited data	
O = Becoming outclassed	HFN = Hagberg falling number		

Data from AHDB Recommended List trials. The full data sets collected are available on the AHDB Cereals & Oilseeds website <http://cereals.ahdb.org.uk/varieties>

## Scottish Recommended Lists for Cereals 2017

### Spring oats (Yield of 100 = 8.4 t/ha)

Year first listed	Recommendation		UK Grain yield as % of treated control	Yield loss (%) if untreated	Kernel Content (%)	Screenings <2.0mm (%)	Specific weight (kg/hl)	Maturity days +/- Firth	Straw strength 1-9; weak to stiff	Straw length (cm) no PGR	Crown Rust (1 to 9)	Mildew (1 to 9)
2015	R	Aspen	104	16	77.2	1.8	54.6	-1	7	110	4	6
2017	P1	Yukon	102	8	76.1	2.5	54.1	-1	8	119	[5]	8
2015	R	Montrose	100	16	76.5	1.3	55.5	-1	7	115	3	4
2017	P1	WPB Elyann	100	13	80.7	2.0	54.2	-1	7	112	[5]	7
2011	R	Canyon	99	9	75.8	1.7	55.1	0	7	122	4	8
2000	R	Firth	97	13	78.3	2.8	53.6	0	7	113	4	7
2014	R	Conway	95	11	78.1	2.5	54.2	0	8	116	4	7

### Winter oats (Yield of 100 = 8.5 t/ha)

Year first listed	Recommendation		UK Grain yield as % of treated control	Yield loss (%) if untreated	Kernel Content (%)	Screenings <2.0mm (%)	Specific weight (kg/hl)	Maturity days +/- Mascani	Straw strength 1-9; weak to stiff	Straw length (cm)	Crown Rust (1 to 9)	Mildew (1 to 9)
2016	P2	RGT Lineout	101	---	75.9	5.0	52.7	-2	6	112	6	4
1993	R	Gerald	98	---	73.8	3.2	53.6	+2	5	116	5	3
2003	R	Dalguise	100	---	75.8	3.4	54.4	-1	4	120	4	3

### Spring wheat (Yield of 100 = 7.8 t/ha)

Year first listed	Recommendation		UK Grain yield as % of treated control	Yield loss (%) if untreated	nabim Group	Hagberg falling number	Specific weight (kg/hl)	Maturity days +/- Mulika	Straw strength 1-9; weak to stiff	Straw length (cm)	Septoria tritici (1 to 9)	Mildew (1 to 9)
2003	R	Tyalt	101	23	2	310	76.1	0	---	81	6	8
2011	R	Mulika	96	20	1	316	77.4	0	---	85	6	[7]

#### Colour code

Good

Towards good

Intermediate

Towards poor

Poor

R = Recommended for general use

[ ] = AHDB limited data

P1, P2 and P3 = Provisional Year 1, 2 and 3

--- = Insufficient information

Data from AHDB Recommended List trials. The full data sets collected are available on the AHDB Cereals & Oilseeds website <http://cereals.ahdb.org.uk/varieties>